brembo

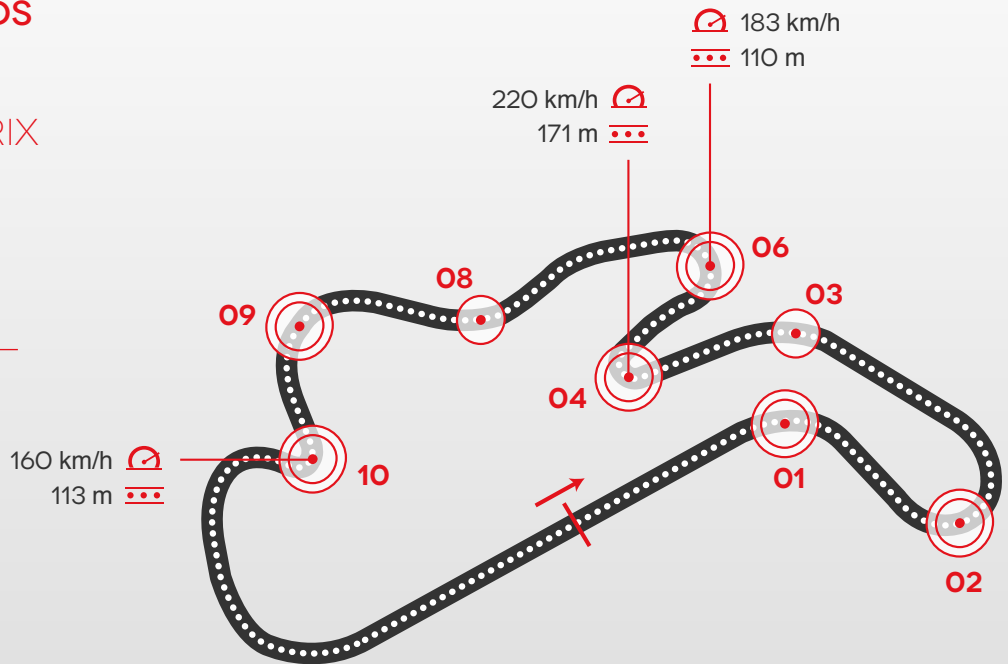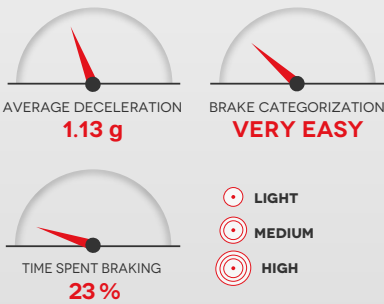## MOTO GP | BRAKE CIRCUIT IDENTITY CARDS

MICHELIN® AUSTRALIAN MOTORCYCLE GRAND PRIX

21–23 OCT 2016

PHILLIP ISLAND
(PHILLIP ISLAND)

AVERAGE DECELERATION
1.13 g

BRAKE CATEGORIZATION
VERY EASY

TIME SPENT BRAKING
23 %

- ⊙ LIGHT
- ◉ MEDIUM
- ◎ HIGH

183 km/h
110 m

220 km/h
171 m

160 km/h
113 m

CIRCUIT DATA

Length: 4,448 m
Number of laps: 27
Number of brakings: 8

COMMENT

This is maybe the least demanding circuit on braking systems, with just three cut outs none of which is particularly demanding.
Because of the latitude of the Phillip Island circuit, the GP is often characterized by rather rigid temperatures which can sometimes require the use of carbon covers on the brake discs in order to keep their initial braking temperature adequate.

* Turn 04 is considered the most demanding for the braking system.

01

Initial speed	344	(Km/h)
Final speed	188	(Km/h)
Stopping distance	237	(m)
Braking time	3.2	(sec)
Maximum deceleration	1.5	(g)
Max force on lever	4.2	(Kg)

03

Initial speed	252	(Km/h)
Final speed	234	(Km/h)
Stopping distance	57	(m)
Braking time	0.8	(sec)
Maximum deceleration	1.7	(g)
Max force on lever	1.0	(Kg)

06

Initial speed	183	(Km/h)
Final speed	99	(Km/h)
Stopping distance	110	(m)
Braking time	2.8	(sec)
Maximum deceleration	1.0	(g)
Max force on lever	4.5	(Kg)

09

Initial speed	233	(Km/h)
Final speed	147	(Km/h)
Stopping distance	139	(m)
Braking time	2.6	(sec)
Maximum deceleration	1.2	(g)
Max force on lever	4.4	(Kg)

02

Initial speed	221	(Km/h)
Final speed	125	(Km/h)
Stopping distance	147	(m)
Braking time	3.1	(sec)
Maximum deceleration	1.2	(g)
Max force on lever	4.4	(Kg)

04

Initial speed	220	(Km/h)
Final speed	69	(Km/h)
Stopping distance	171	(m)
Braking time	4.2	(sec)
Maximum deceleration	1.2	(g)
Max force on lever	5.8	(Kg)

08

Initial speed	236	(Km/h)
Final speed	211	(Km/h)
Stopping distance	62	(m)
Braking time	1.0	(sec)
Maximum deceleration	4.5	(g)
Max force on lever	2.6	(Kg)

10

Initial speed	160	(Km/h)
Final speed	74	(Km/h)
Stopping distance	113	(m)
Braking time	3.3	(sec)
Maximum deceleration	1.1	(g)
Max force on lever	5.5	(Kg)